

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088339.D
 Acq On : 24 Jun 2016 18:53
 Operator : UM/SJ
 Sample : H3599-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1412(0-4)

Quant Time: Jun 25 03:39:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	231922	20.00	ng	0.14
21) Naphthalene-d8	7.87	136	321623	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	145564	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	255657	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	174006	20.00	ng	-0.02
86) Perylene-d12	15.07	264	177434	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	435545	32.10	ng	0.00
7) Phenol-d6	6.25	99	576565	35.07	ng	-0.01
23) Nitrobenzene-d5	7.15	82	361676	65.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	121102	78.79	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	595176	62.78	ng	-0.02
78) Terphenyl-d14	12.67	244	364923	47.72	ng	-0.02

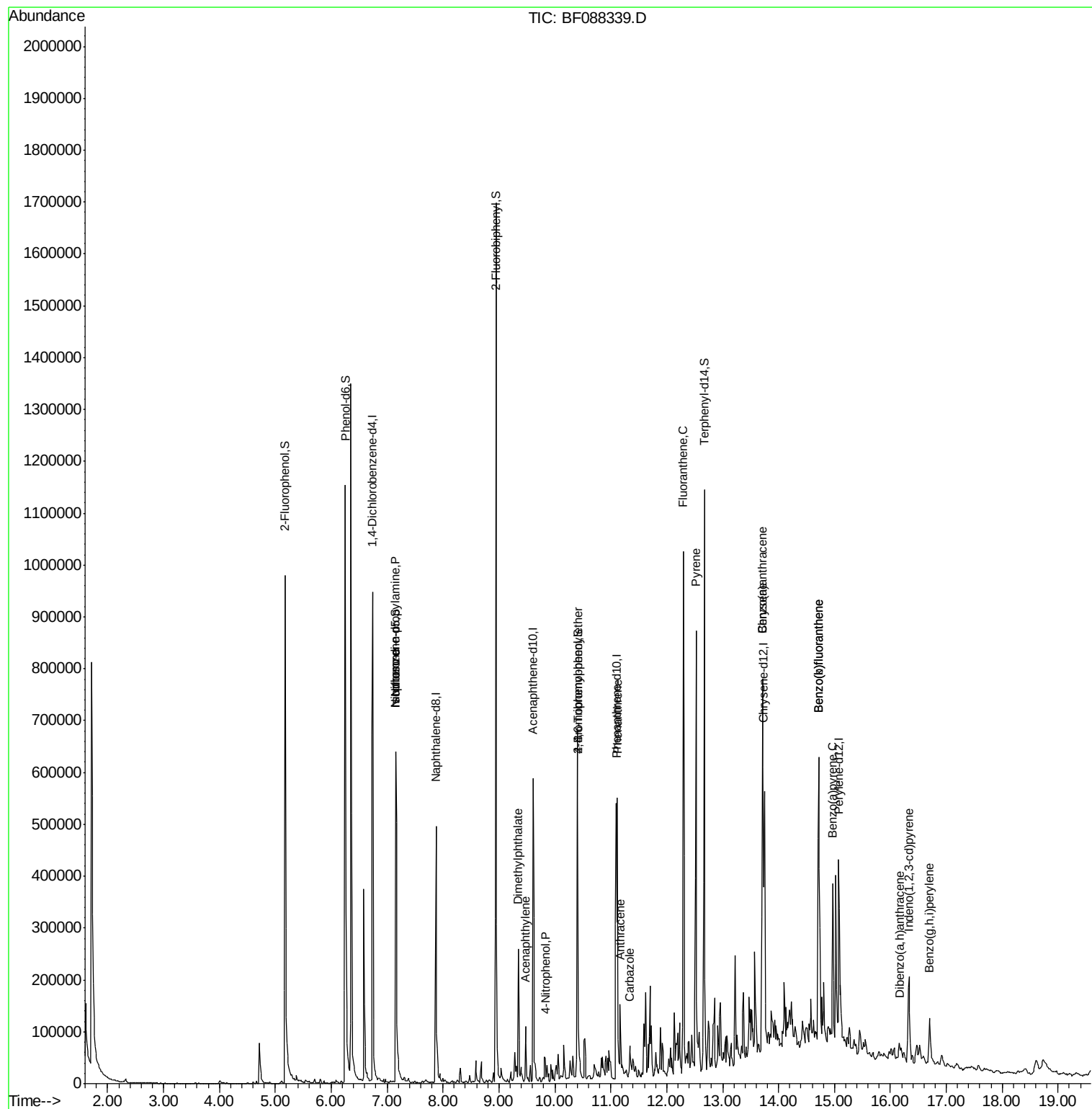
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.35	94	847	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	46780	4.45	ng	74
25) Isophorone	7.15	82	353225	34.62	ng	65
45) 1,1'-Biphenyl	9.05	154	3719	Below Cal		96
48) Acenaphthylene	9.47	152	66854	4.46	ng	99
49) Dimethylphthalate	9.35	163	111703	10.59	ng	99
55) 4-Nitrophenol	9.83	139	7874	3.64	ng	# 5
57) Fluorene	10.16	166	20966	Below Cal	#	93
66) 4-Bromophenyl-phenylether	10.41	248	7606	2.77	ng	# 1
70) Phenanthrene	11.12	178	254847	19.00	ng	98
71) Anthracene	11.16	178	76777	5.67	ng	97
72) Carbazole	11.34	167	29934	2.36	ng	99
74) Fluoranthene	12.30	202	456528	32.25	ng	98
77) Pyrene	12.52	202	384258	29.76	ng	99
80) Benzo(a)anthracene	13.71	228	214465	21.63	ng	93
82) Chrysene	13.71	228	214465	22.99	ng	98
85) Indeno(1,2,3-cd)pyrene	16.33	276	98566	11.37	ng	# 100
87) Benzo(b)fluoranthene	14.72	252	391166	31.63	ng	# 96
88) Benzo(k)fluoranthene	14.72	252	391166	41.93	ng	99
89) Benzo(a)pyrene	14.97	252	128853	12.88	ng	98
90) Dibenzo(a,h)anthracene	16.16	278	18921	2.04	ng	93
91) Benzo(g,h,i)perylene	16.70	276	77368	8.09	ng	97

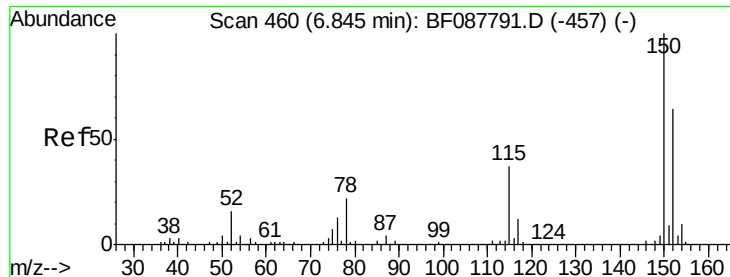
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.14 min

Lab File: BF088339.D

Acq: 24 Jun 2016 18:53

Instrument :

BNA_F

ClientSampleId :

PM-STA-1412(0-4)

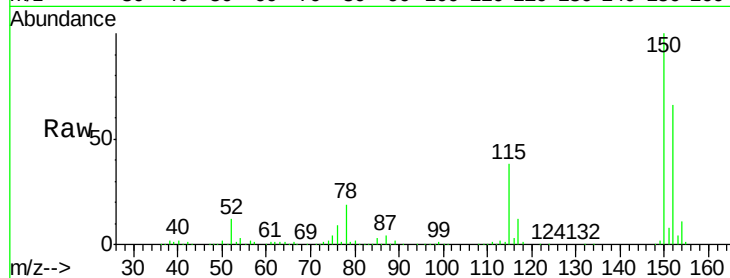
Tgt Ion:152 Resp: 231922

Ion Ratio Lower Upper

152 100

150 151.5 123.8 185.6

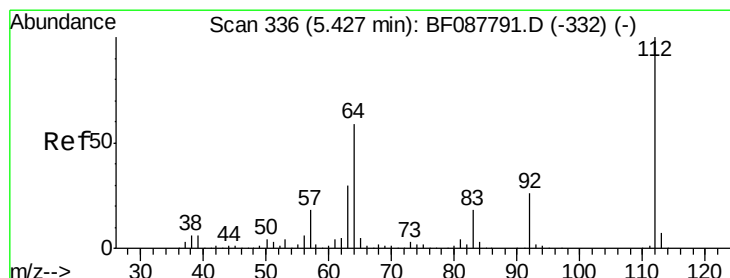
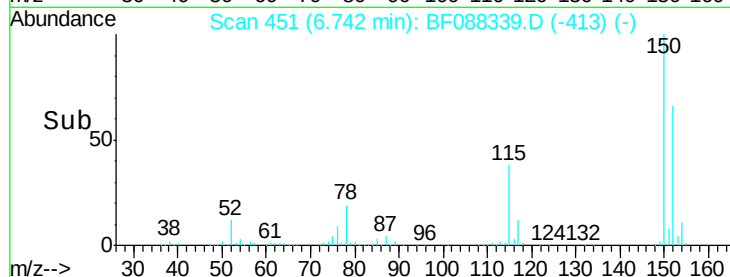
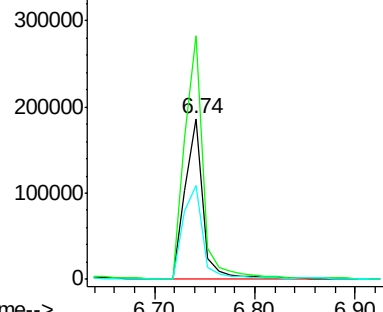
115 58.1 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 32.10 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.00 min

Lab File: BF088339.D

Acq: 24 Jun 2016 18:53

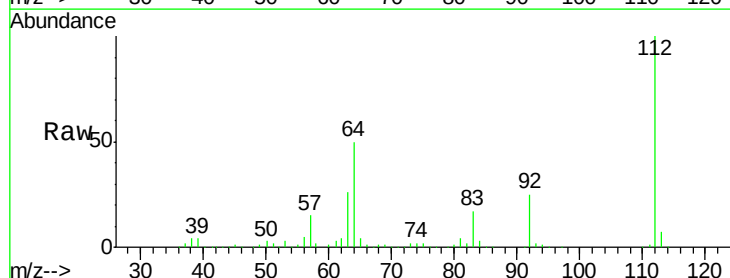
Tgt Ion:112 Resp: 435545

Ion Ratio Lower Upper

112 100

64 50.1 42.2 63.2

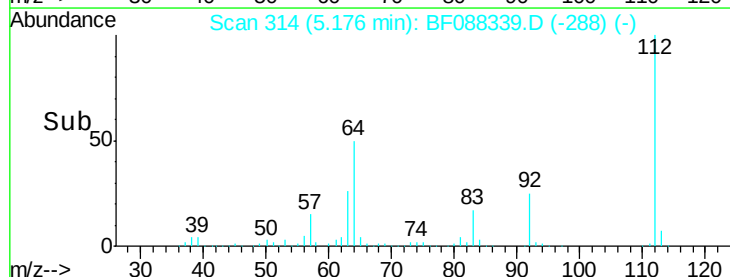
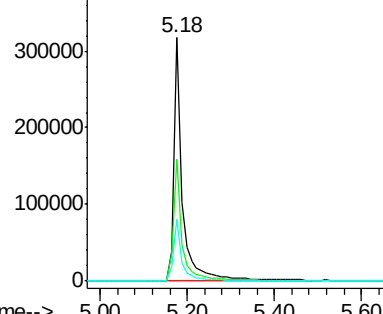
63 25.7 21.8 32.8

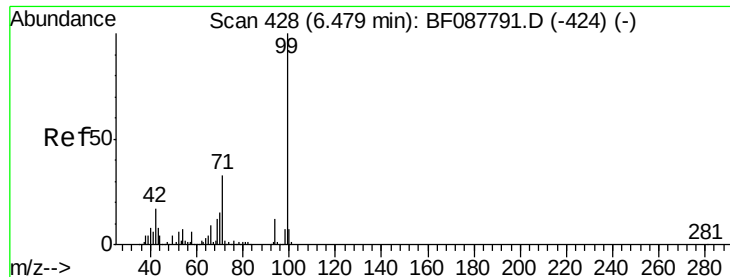


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.07 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF088339.D

Acq: 24 Jun 2016 18:53

Instrument :

BNA_F

ClientSampleId :

PM-STA-1412(0-4)

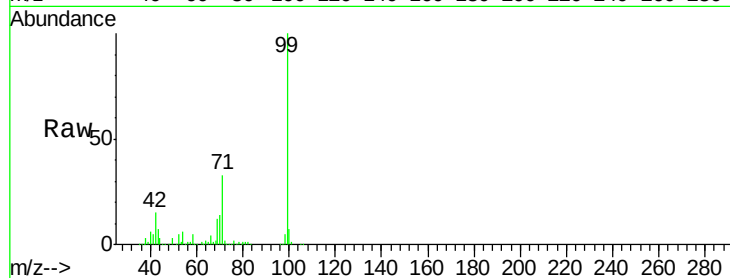
Tgt Ion: 99 Resp: 576565

Ion Ratio Lower Upper

99 100

42 14.6 12.2 18.2

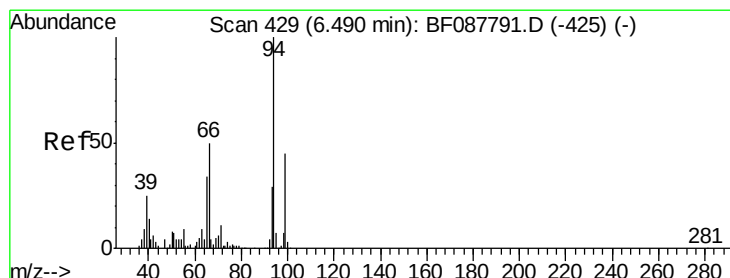
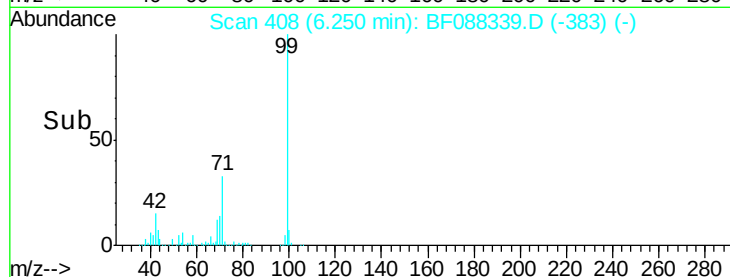
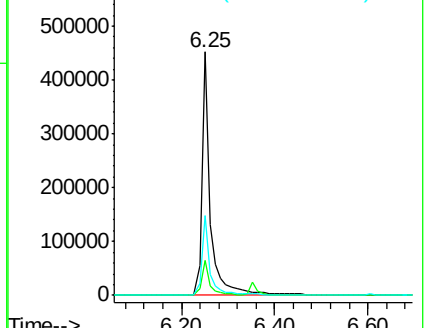
71 33.0 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: Below Cal

RT: 6.35 min Scan# 417

Delta R.T. 0.08 min

Lab File: BF088339.D

Acq: 24 Jun 2016 18:53

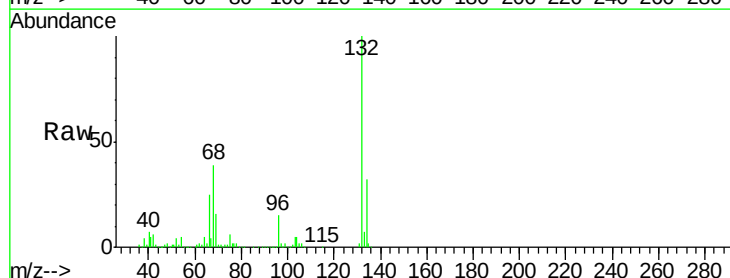
Tgt Ion: 94 Resp: 847

Ion Ratio Lower Upper

94 100

65 963.2 5.9 45.9#

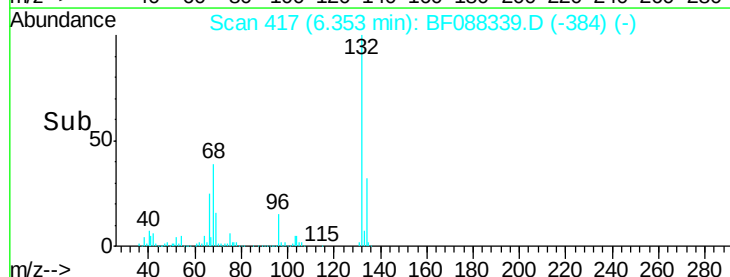
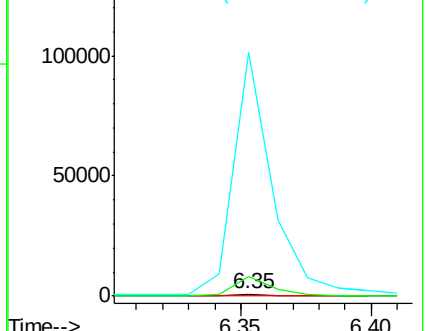
66 11918.1 14.0 54.0#

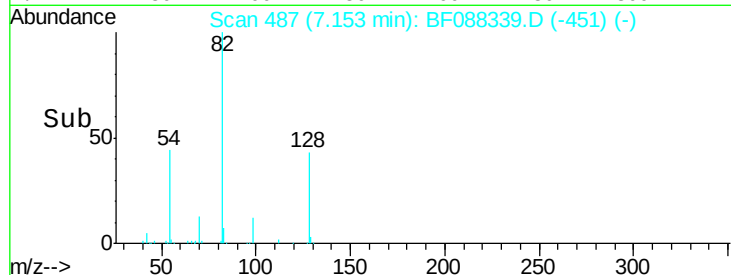
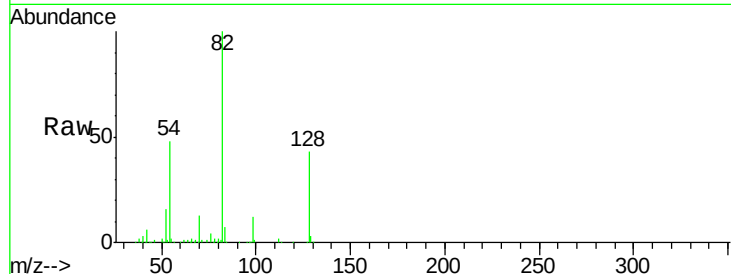
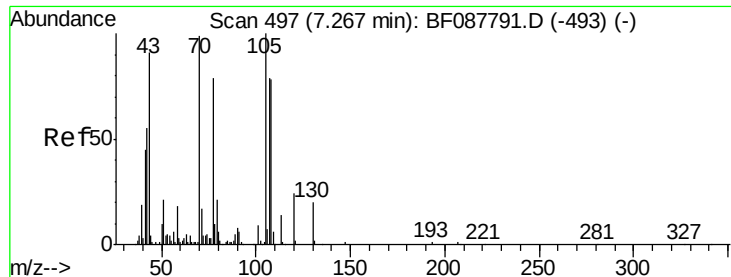


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

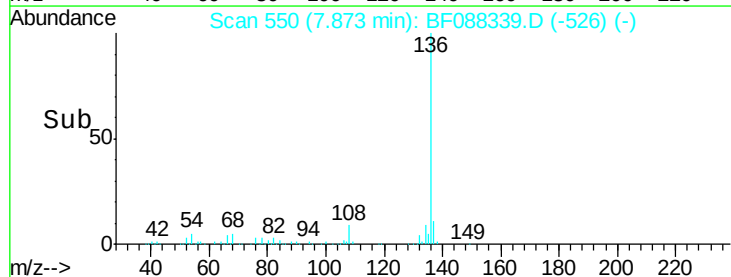
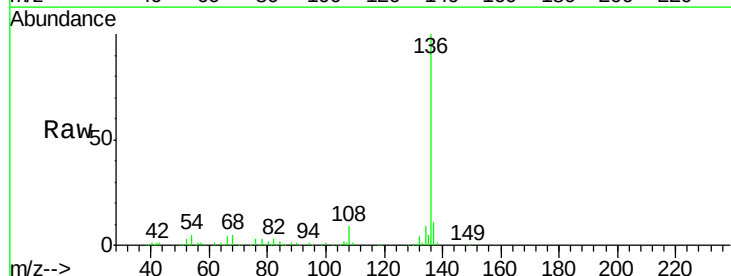
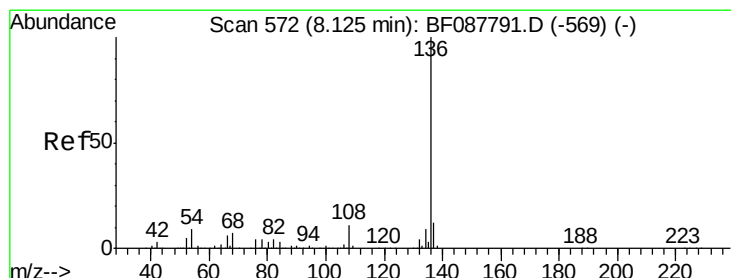
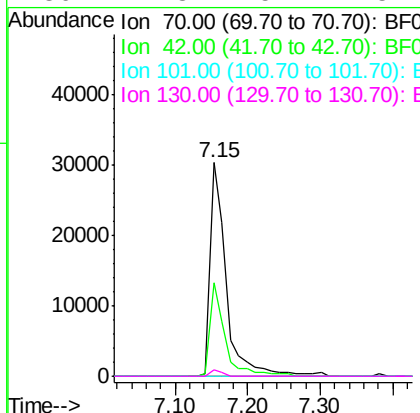




#19
n-Nitroso-di-n-propylamine
Concen: 4.45 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

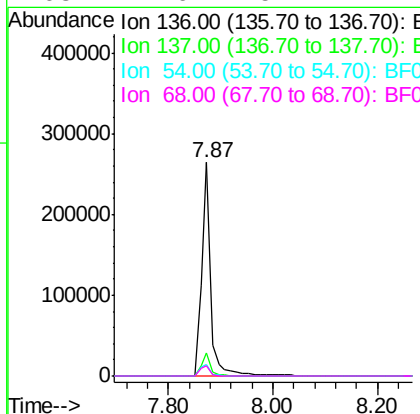
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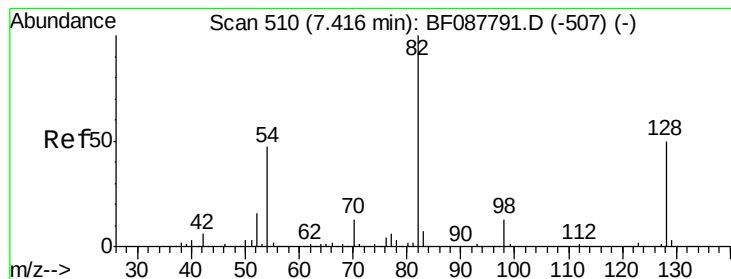
Tgt Ion: 70 Resp: 46780
Ion Ratio Lower Upper
70 100
42 44.0 49.6 74.4#
101 0.0 7.1 10.7#
130 2.8 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion: 136 Resp: 321623
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 5.4 6.6 10.0#
68 4.6 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 65.67 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF088339.D

Acq: 24 Jun 2016 18:53

Instrument :

BNA_F

ClientSampleId :

PM-STA-1412(0-4)

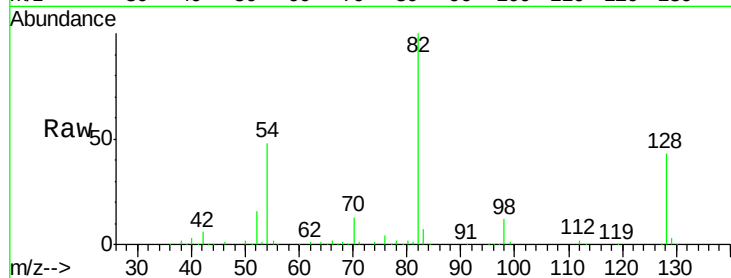
Tgt Ion: 82 Resp: 361676

Ion Ratio Lower Upper

82 100

128 42.9 35.9 53.9

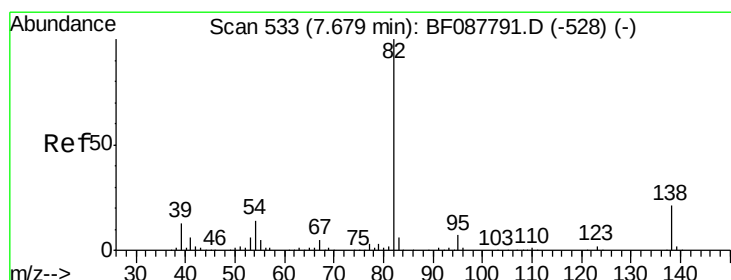
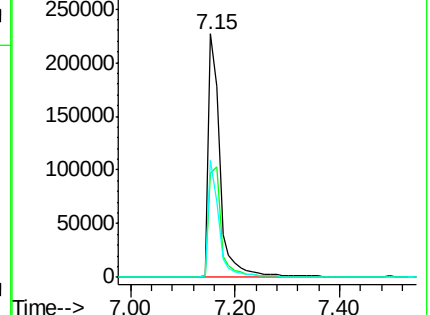
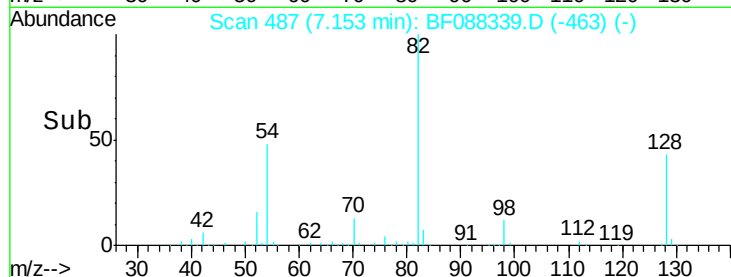
54 47.8 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 34.62 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.29 min

Lab File: BF088339.D

Acq: 24 Jun 2016 18:53

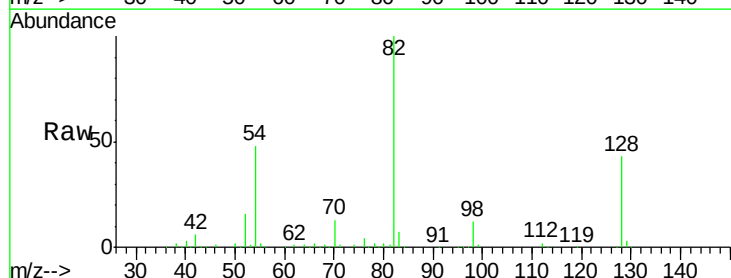
Tgt Ion: 82 Resp: 353225

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

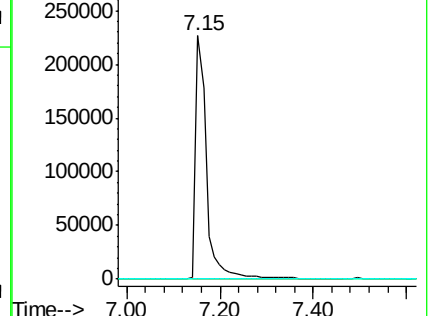
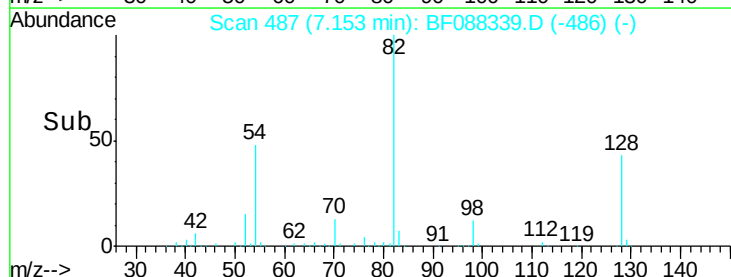
138 0.0 14.6 21.8#

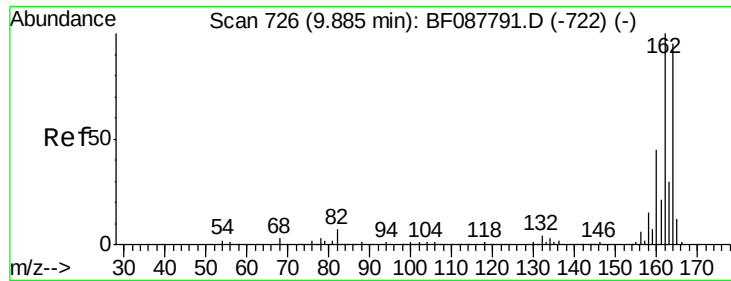


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

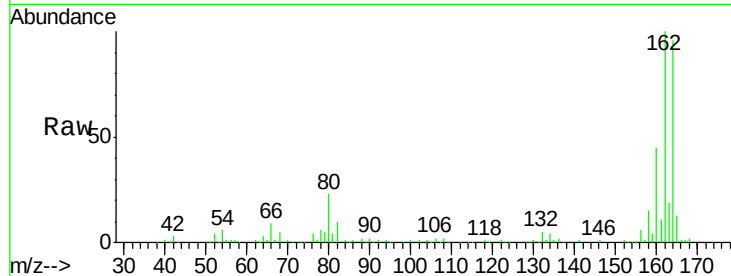




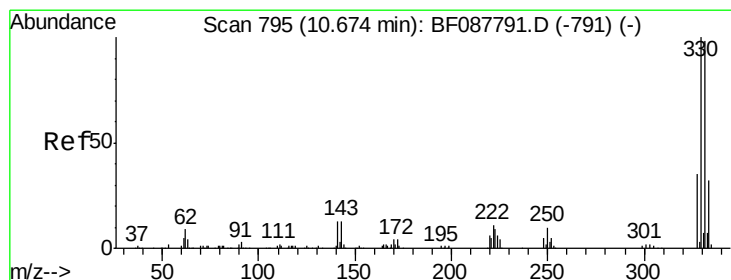
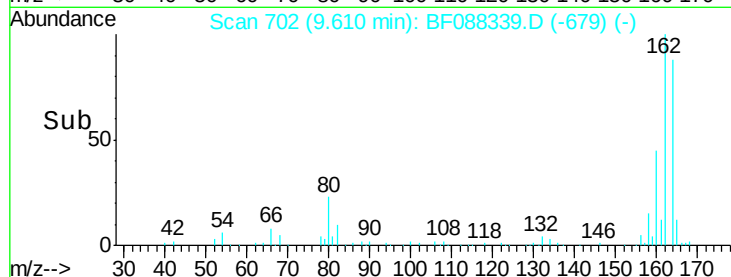
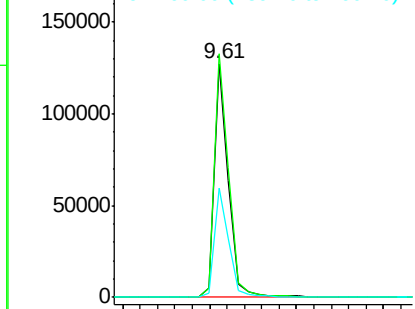
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

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Tgt Ion:164 Resp: 145564
Ion Ratio Lower Upper
164 100
162 104.3 85.4 128.2
160 46.6 39.5 59.3

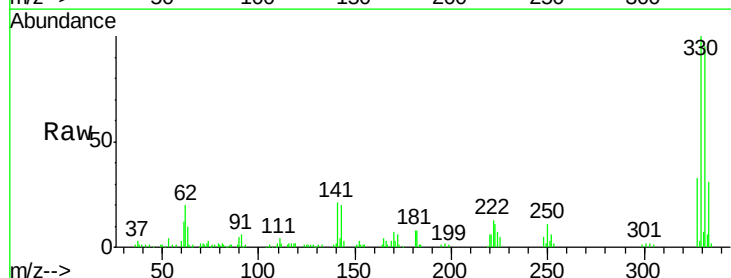


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

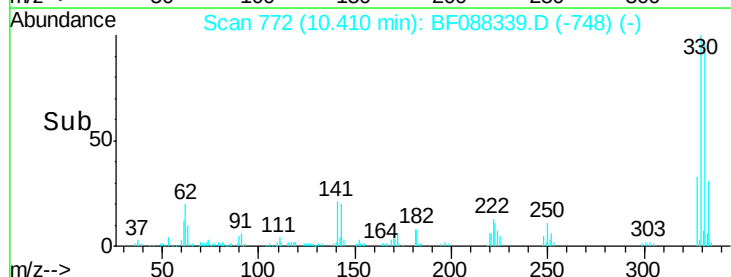
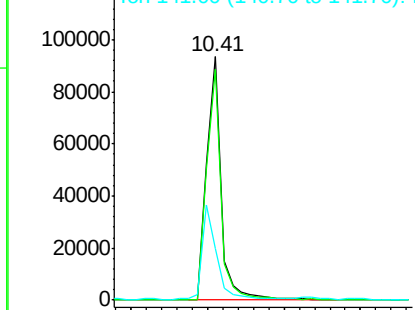


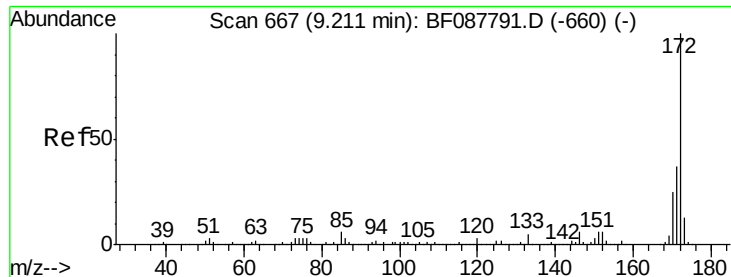
#41
2,4,6-Tribromophenol
Concen: 78.79 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:330 Resp: 121102
Ion Ratio Lower Upper
330 100
332 95.2 0.0 0.0#
141 39.5 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

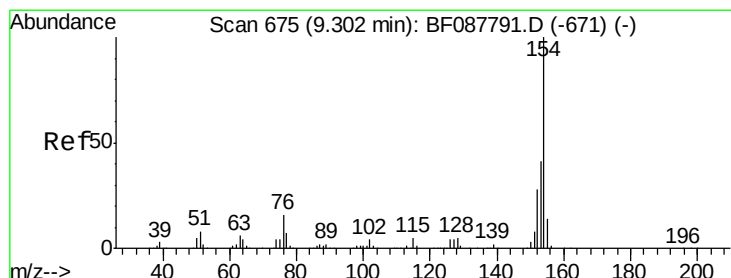
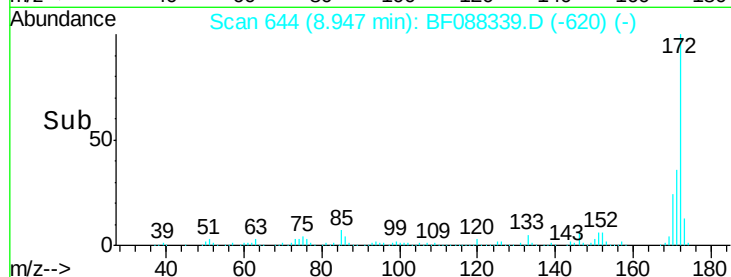
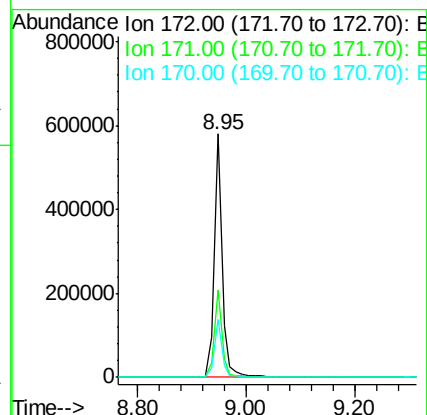
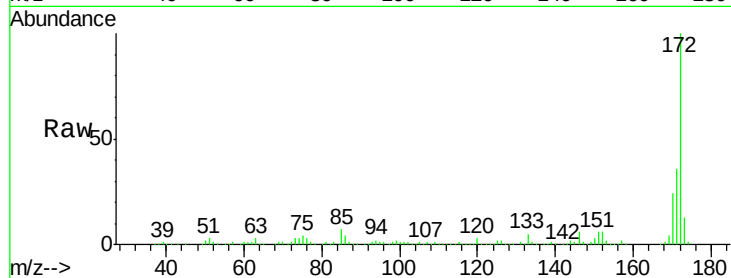




#44
2-Fluorobiphenyl
Concen: 62.78 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

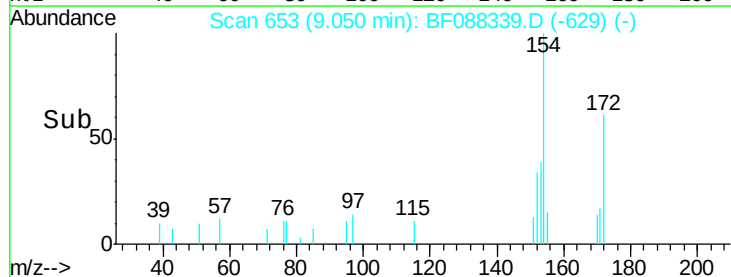
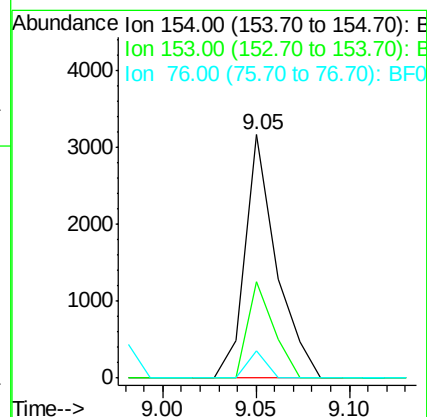
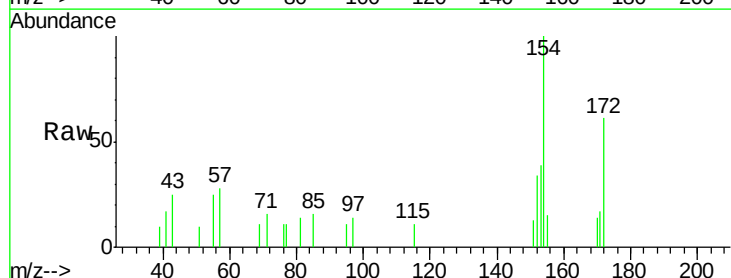
Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

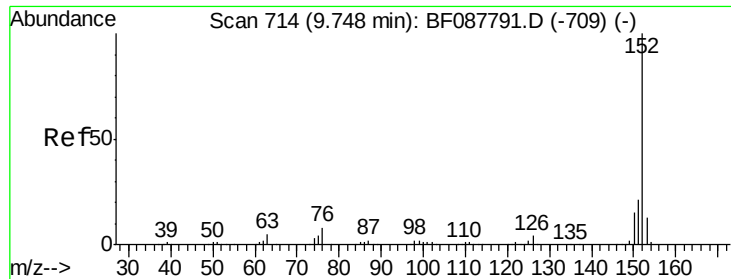
Tgt Ion:172 Resp: 595176
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.1 19.2 28.8



#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:154 Resp: 3719
Ion Ratio Lower Upper
154 100
153 39.4 20.6 60.6
76 11.2 0.0 35.1





#48

Acenaphthylene

Concen: 4.46 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF088339.D

Acq: 24 Jun 2016 18:53

Instrument :

BNA_F

ClientSampleId :

PM-STA-1412(0-4)

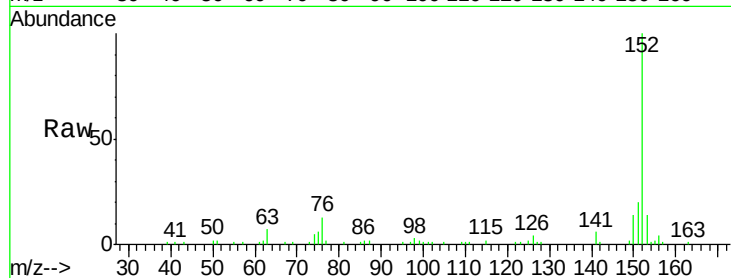
Tgt Ion:152 Resp: 66854

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

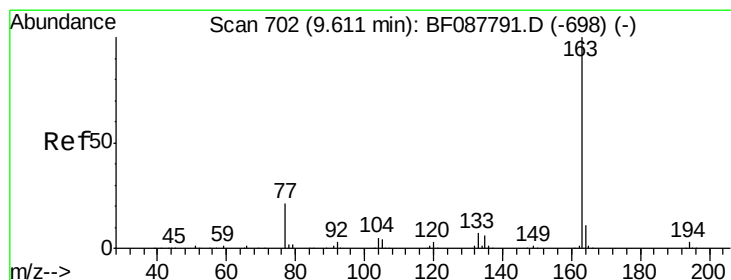
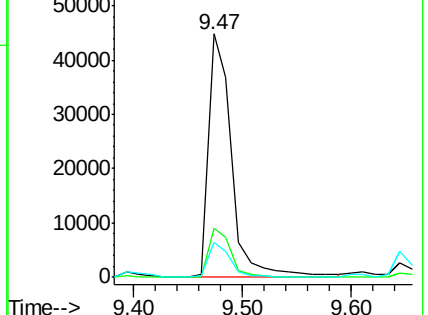
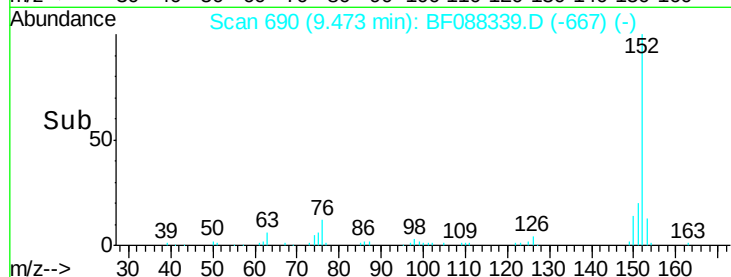
153 14.2 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 10.59 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF088339.D

Acq: 24 Jun 2016 18:53

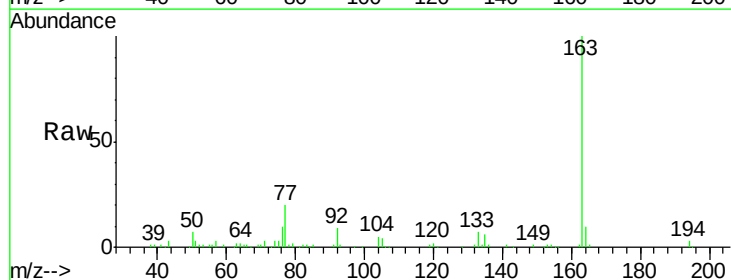
Tgt Ion:163 Resp: 111703

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

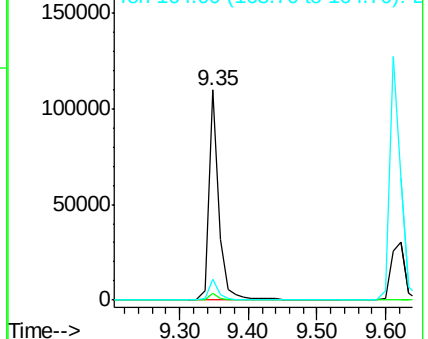
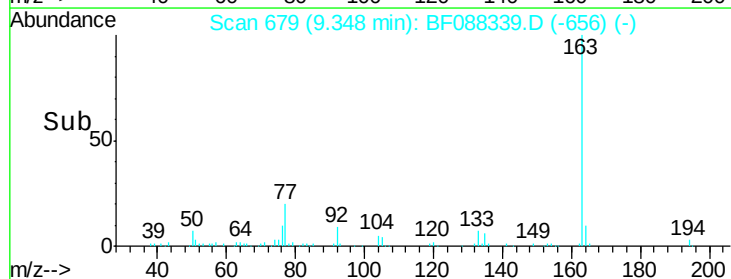
164 10.3 8.3 12.5

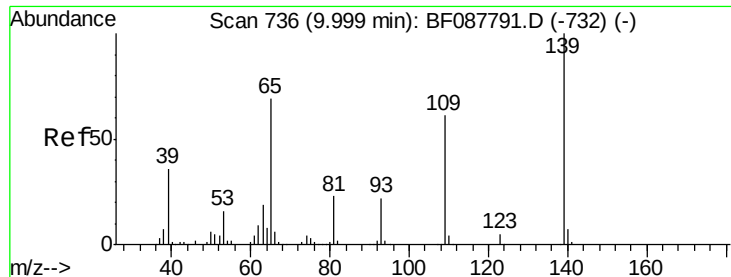


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

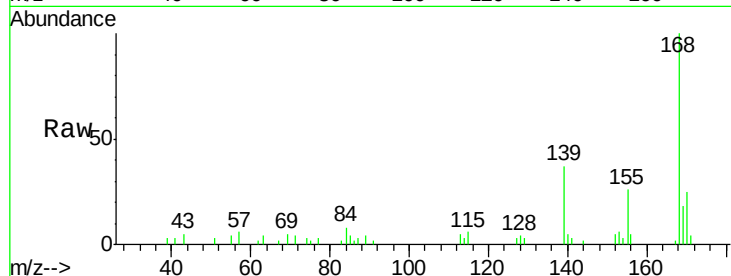




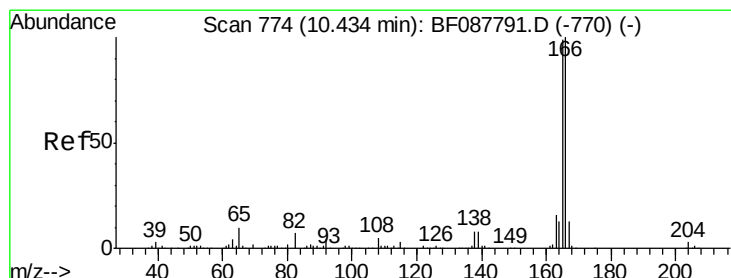
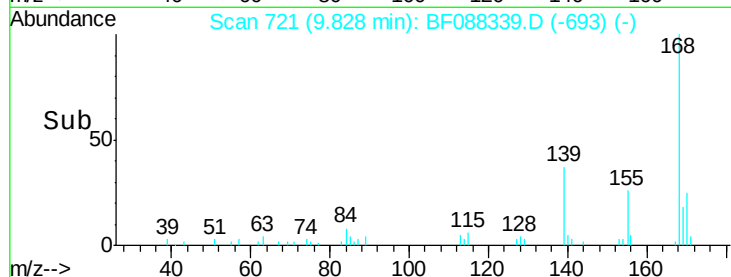
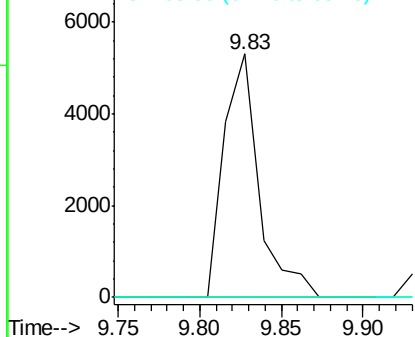
#55
4-Nitrophenol
Concen: 3.64 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion:139 Resp: 7874
Ion Ratio Lower Upper
139 100
109 0.0 48.9 88.9#
65 0.0 84.9 124.9#

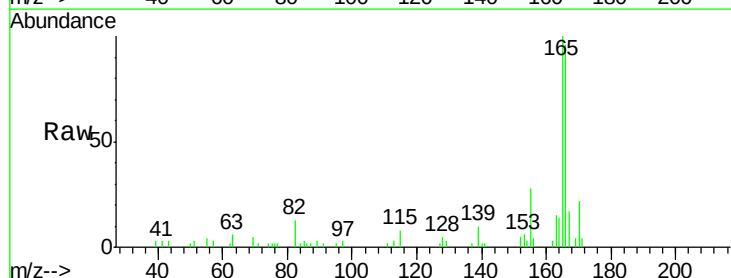


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

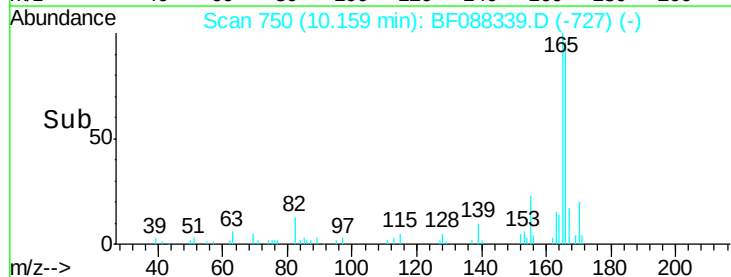
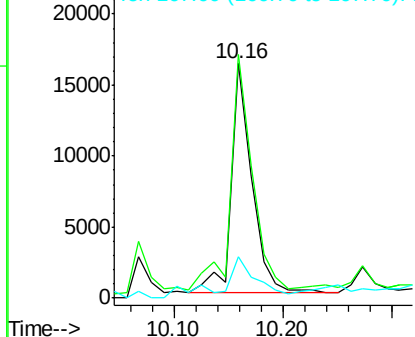


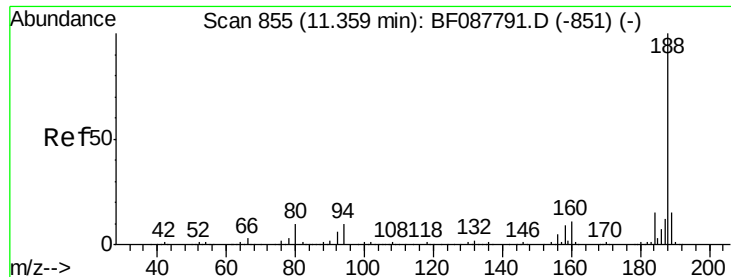
#57
Fluorene
Concen: Below Cal
RT: 10.16 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:166 Resp: 20966
Ion Ratio Lower Upper
166 100
165 103.9 77.8 116.8
167 17.7 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

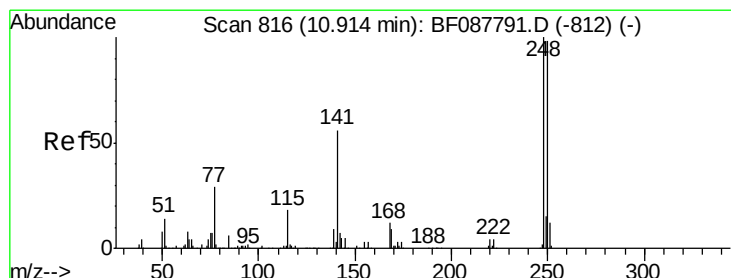
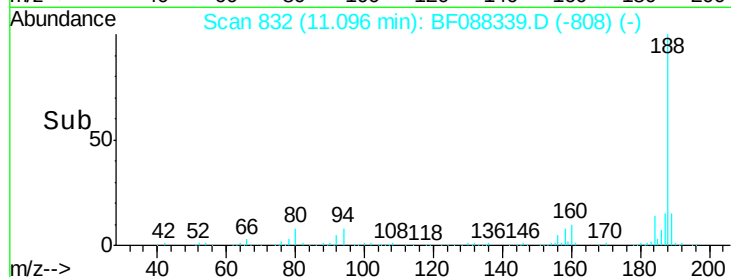
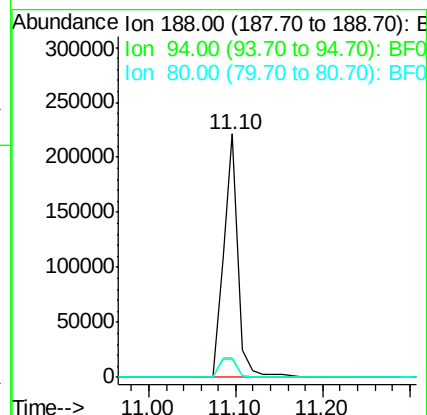
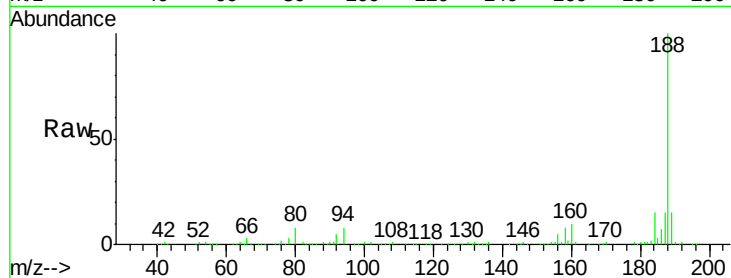




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF088339.D
 Acq: 24 Jun 2016 18:53

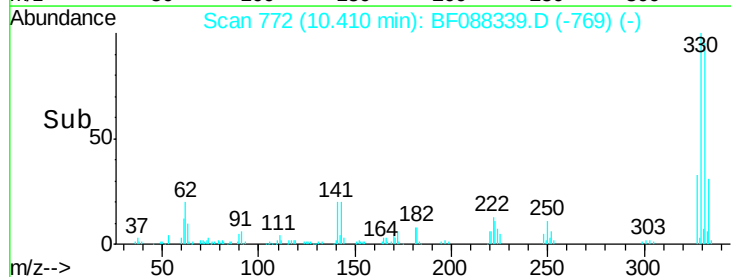
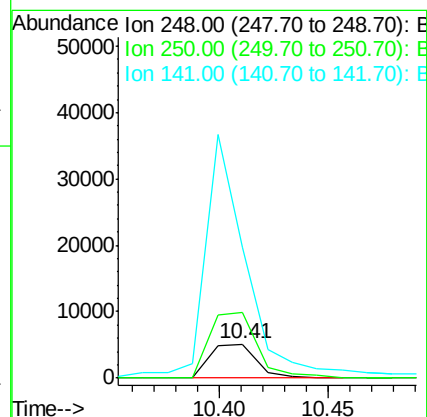
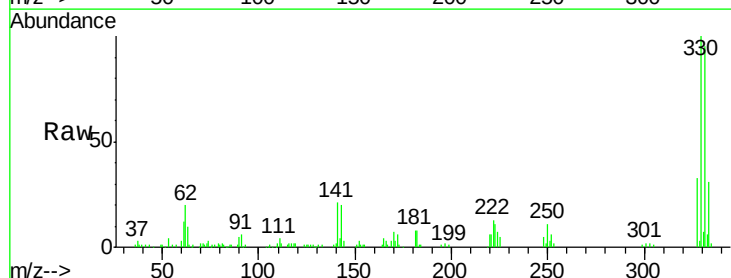
Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1412(0-4)

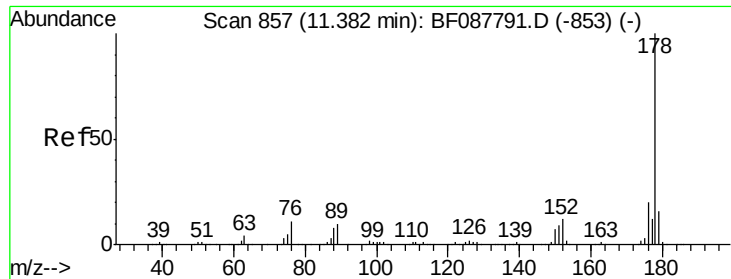
Tgt Ion:188 Resp: 255657
 Ion Ratio Lower Upper
 188 100
 94 7.7 9.0 13.6#
 80 7.9 10.0 15.0#



#66
 4-Bromophenyl-phenylether
 Concen: 2.77 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.26 min
 Lab File: BF088339.D
 Acq: 24 Jun 2016 18:53

Tgt Ion:248 Resp: 7606
 Ion Ratio Lower Upper
 248 100
 250 194.2 77.1 115.7#
 141 388.2 50.6 76.0#

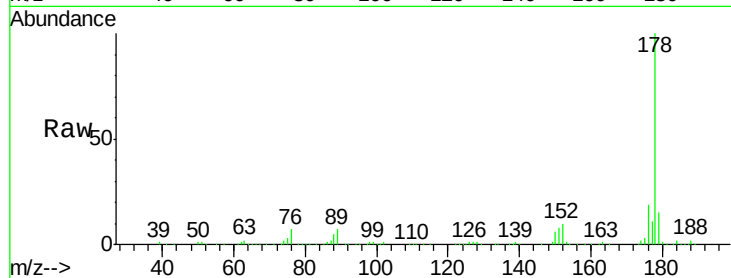




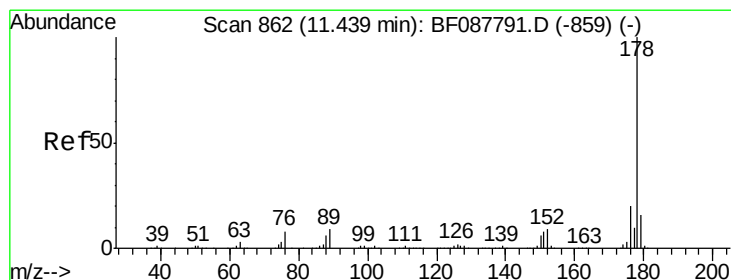
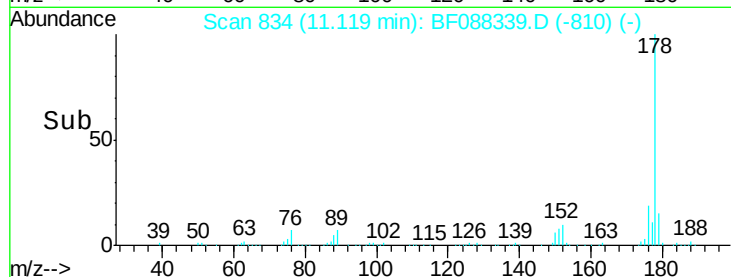
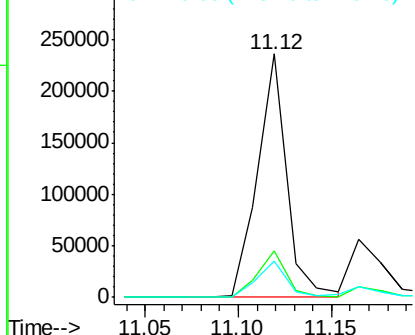
#70
Phenanthrene
Concen: 19.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion:178 Resp: 254847
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 15.1 13.0 19.4

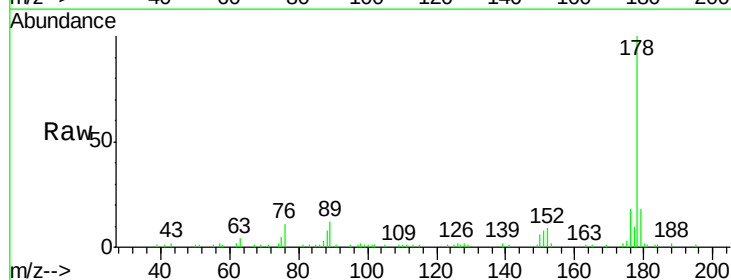


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

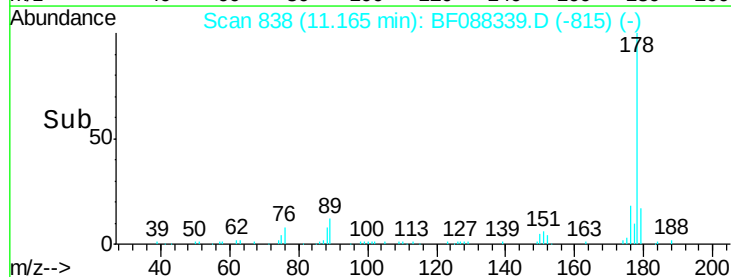
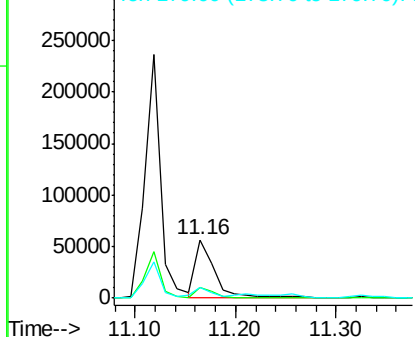


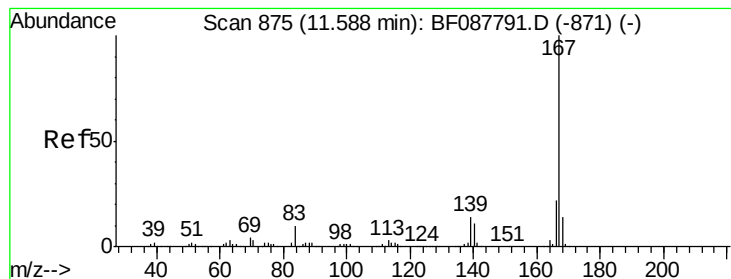
#71
Anthracene
Concen: 5.67 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.03 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:178 Resp: 76777
Ion Ratio Lower Upper
178 100
176 18.3 15.6 23.4
179 17.5 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.36 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF088339.D

Acq: 24 Jun 2016 18:53

Instrument :

BNA_F

ClientSampleId :

PM-STA-1412(0-4)

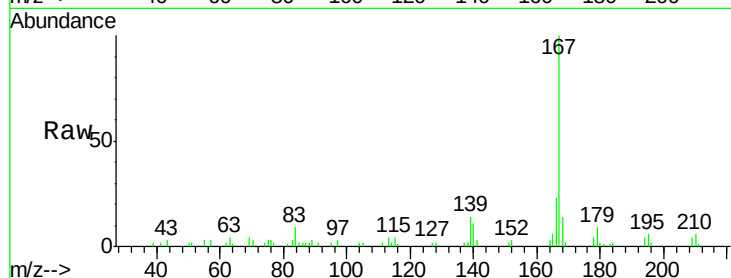
Tgt Ion:167 Resp: 29934

Ion Ratio Lower Upper

167 100

166 22.8 17.8 26.6

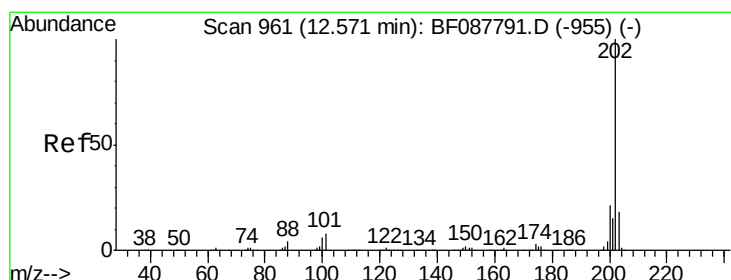
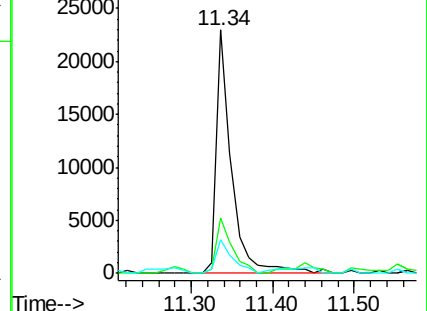
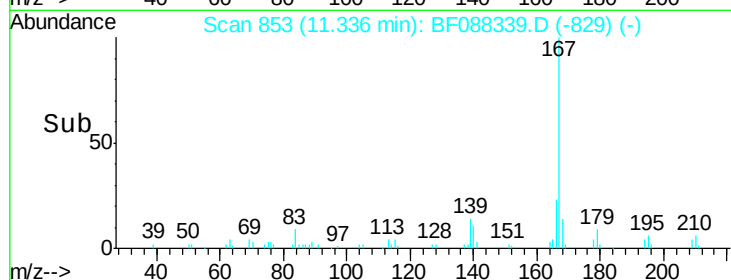
139 14.0 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 32.25 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF088339.D

Acq: 24 Jun 2016 18:53

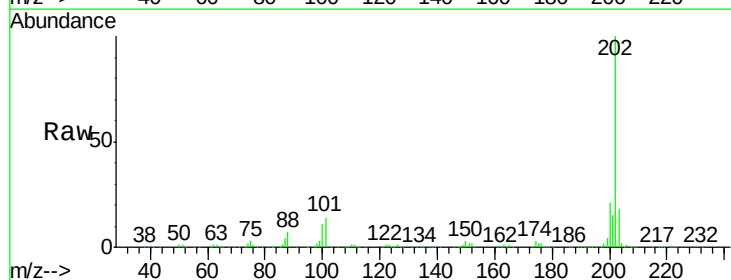
Tgt Ion:202 Resp: 456528

Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.1

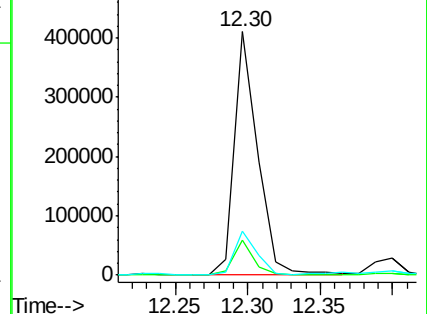
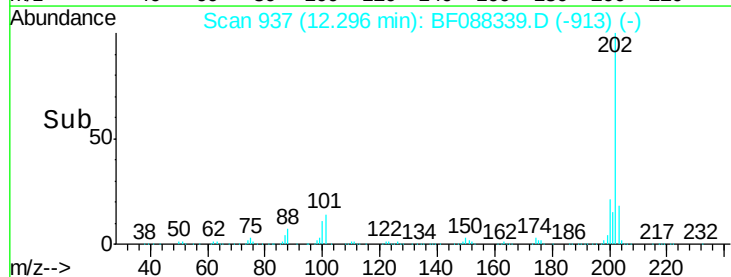
203 17.9 0.0 38.1

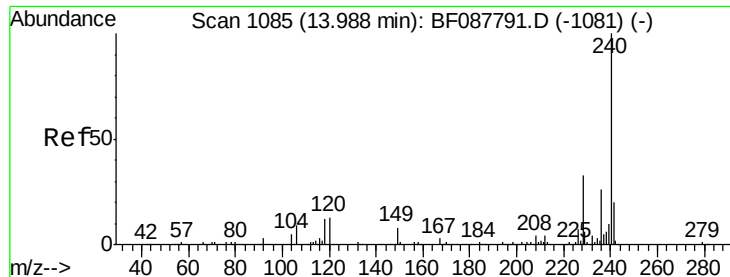


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BF088339.D

Acq: 24 Jun 2016 18:53

Instrument :

BNA_F

ClientSampleId :

PM-STA-1412(0-4)

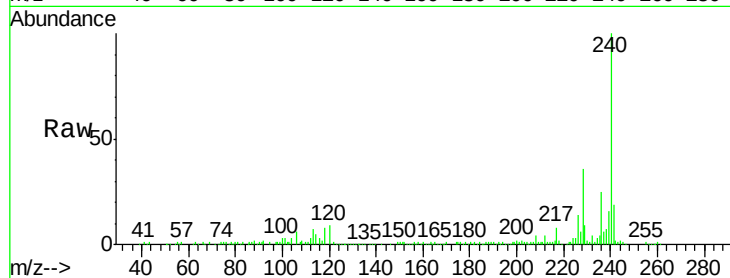
Tgt Ion:240 Resp: 174006

Ion Ratio Lower Upper

240 100

120 9.0 6.8 10.2

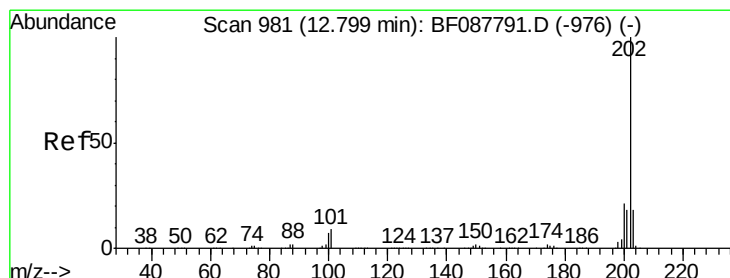
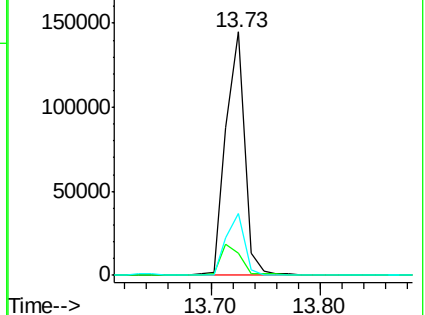
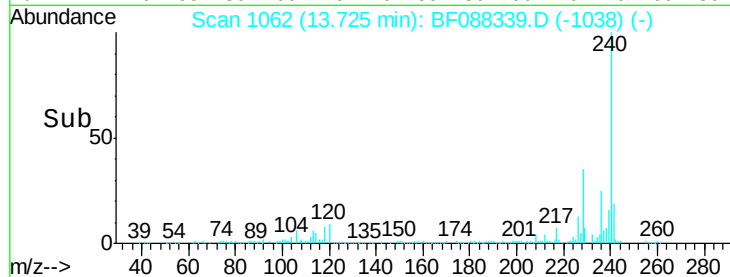
236 25.4 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 29.76 ng

RT: 12.52 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF088339.D

Acq: 24 Jun 2016 18:53

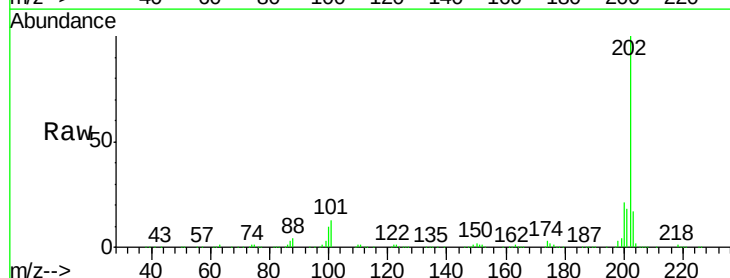
Tgt Ion:202 Resp: 384258

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

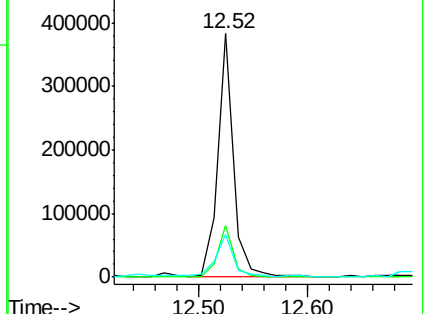
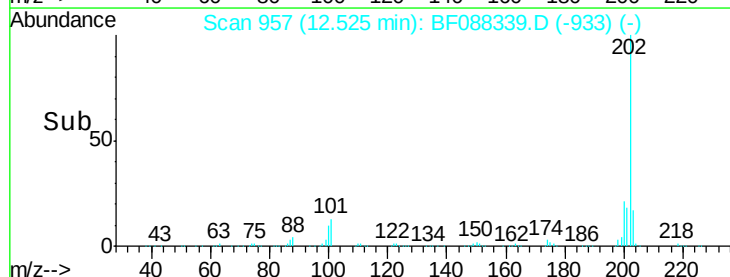
203 17.5 14.5 21.7

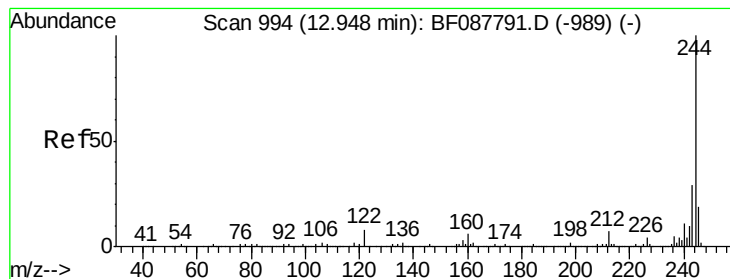


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 47.72 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.02 min

Lab File: BF088339.D

Acq: 24 Jun 2016 18:53

Instrument :

BNA_F

ClientSampleId :

PM-STA-1412(0-4)

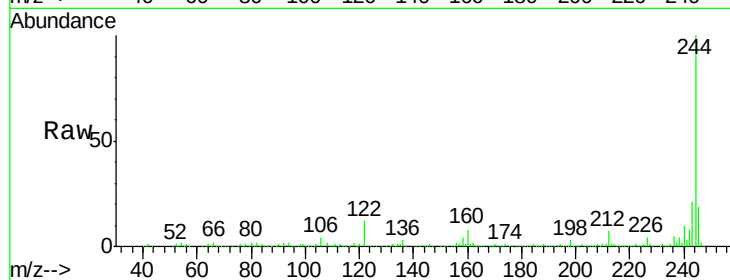
Tgt Ion:244 Resp: 364923

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

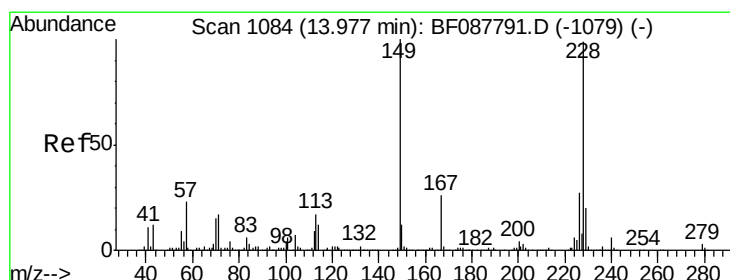
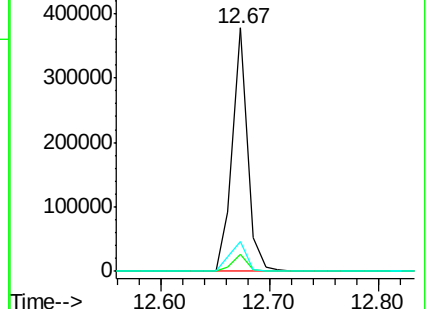
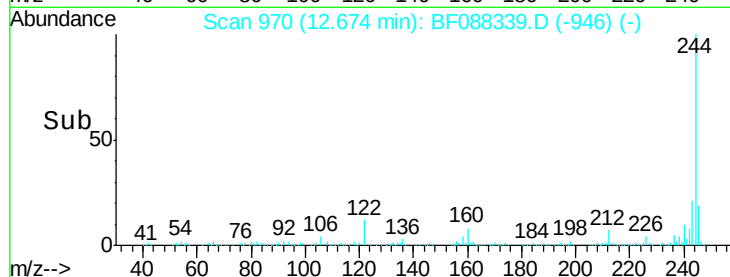
122 12.5 11.2 16.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 21.63 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.02 min

Lab File: BF088339.D

Acq: 24 Jun 2016 18:53

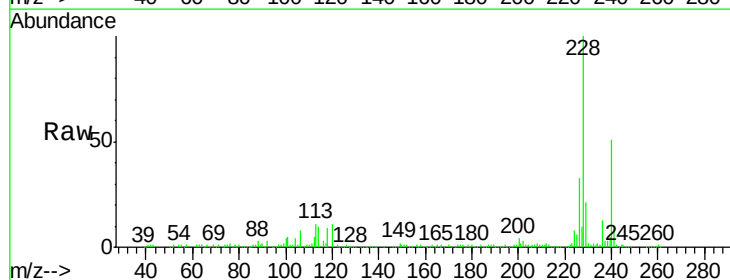
Tgt Ion:228 Resp: 214465

Ion Ratio Lower Upper

228 100

226 33.5 22.3 33.5

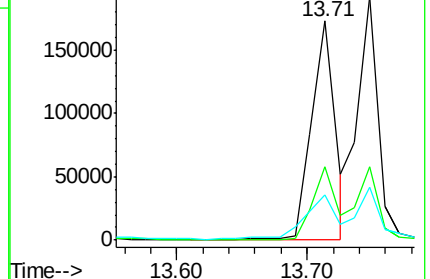
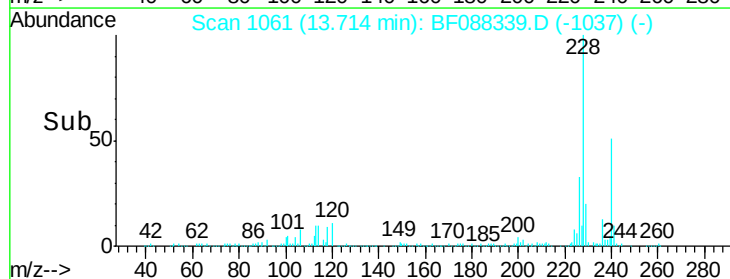
229 20.5 16.0 24.0

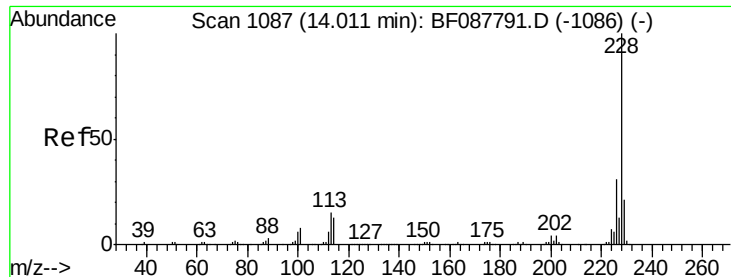


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

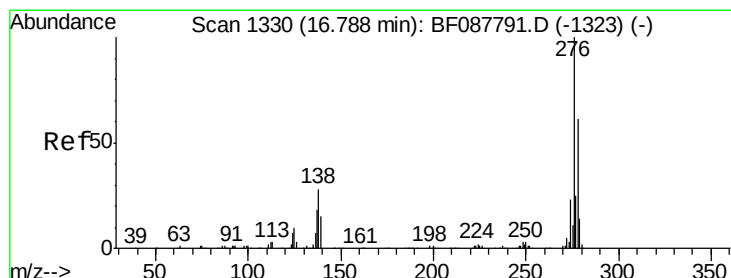
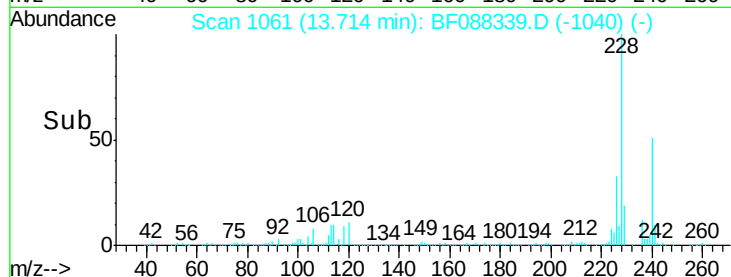
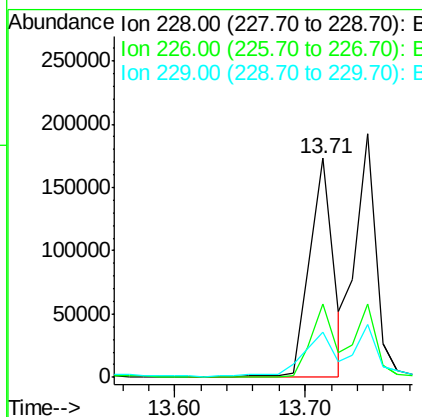
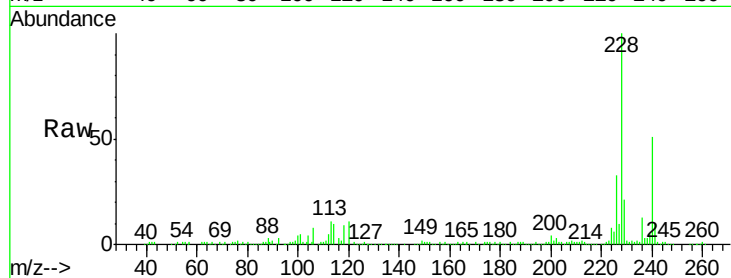




#82
Chrysene
Concen: 22.99 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.06 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

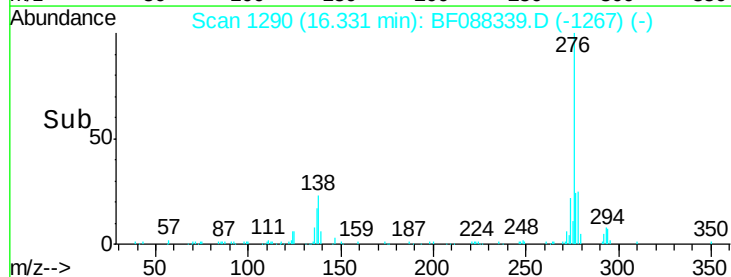
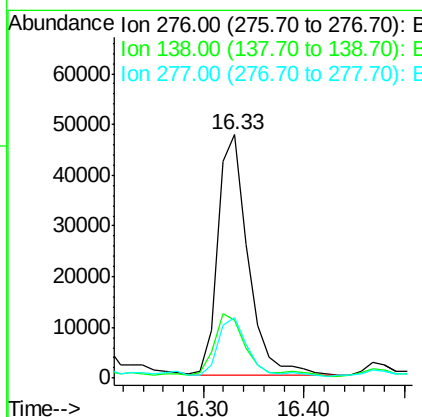
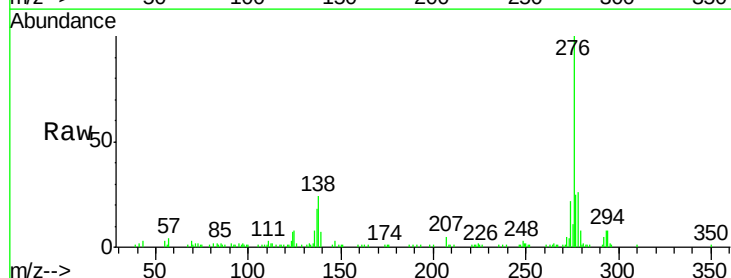
Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

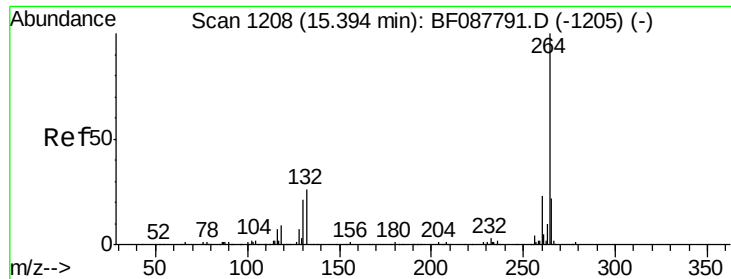
Tgt Ion:228 Resp: 214465
Ion Ratio Lower Upper
228 100
226 33.5 25.4 38.2
229 20.5 16.3 24.5



#85
Indeno(1,2,3-cd)pyrene
Concen: 11.37 ng
RT: 16.33 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:276 Resp: 98566
Ion Ratio Lower Upper
276 100
138 27.2 0.0 0.0#
277 24.0 0.0 0.0#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1180

Delta R.T. -0.03 min

Lab File: BF088339.D

Acq: 24 Jun 2016 18:53

Instrument :

BNA_F

ClientSampleId :

PM-STA-1412(0-4)

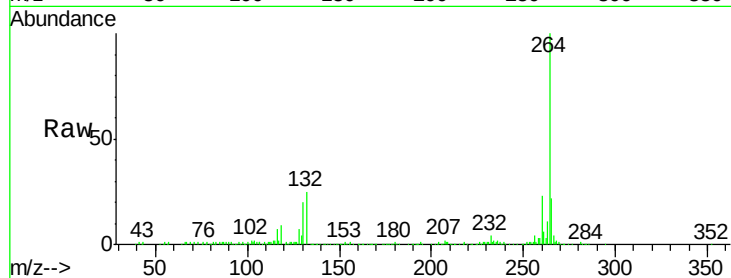
Tgt Ion:264 Resp: 177434

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

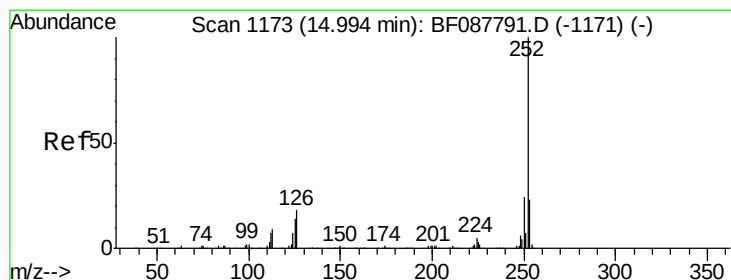
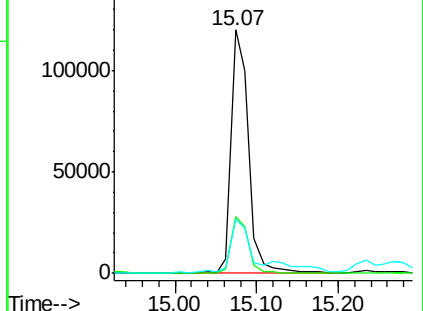
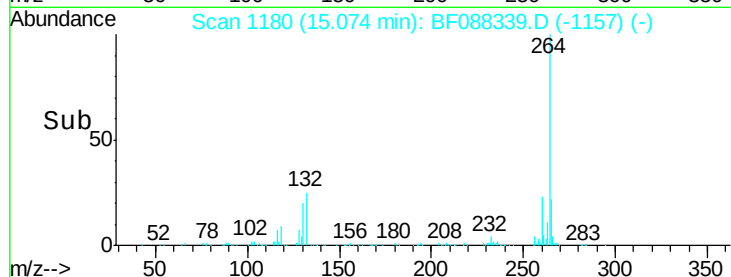
265 22.3 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 31.63 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF088339.D

Acq: 24 Jun 2016 18:53

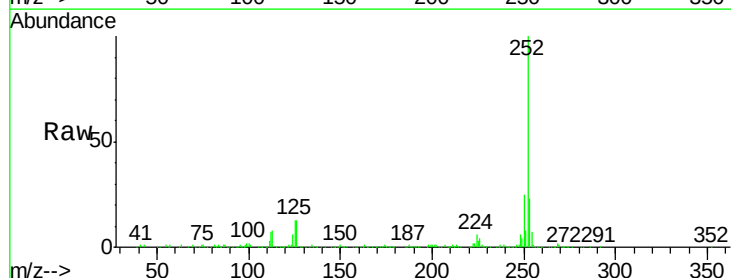
Tgt Ion:252 Resp: 391166

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

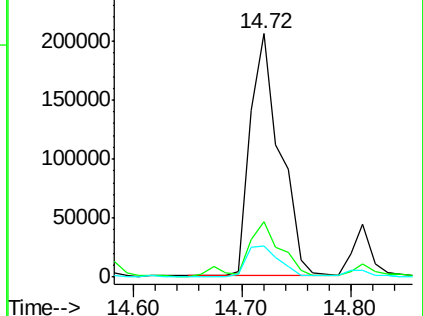
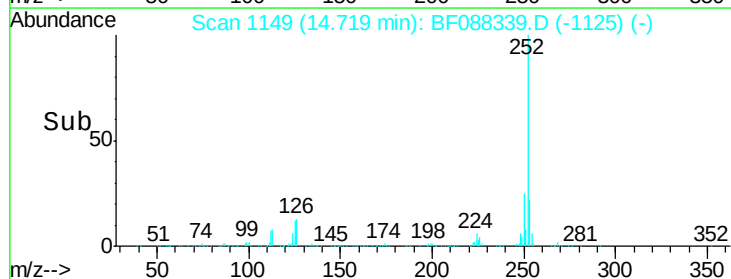
125 12.7 7.1 10.7#

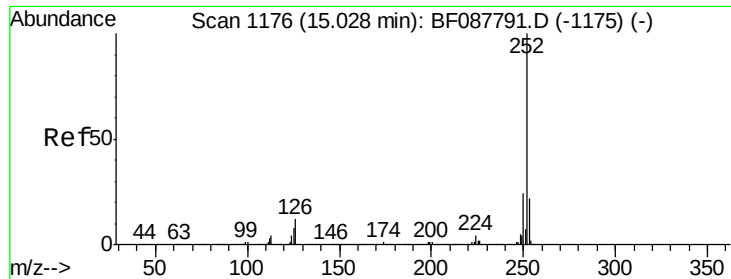


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

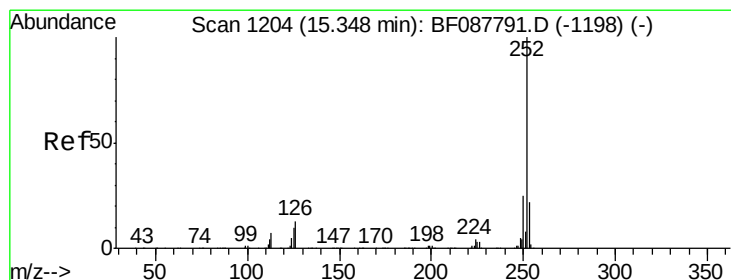
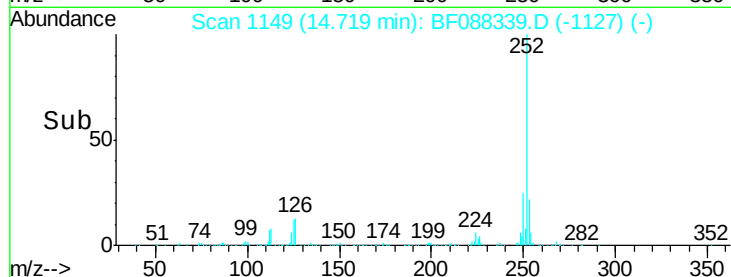
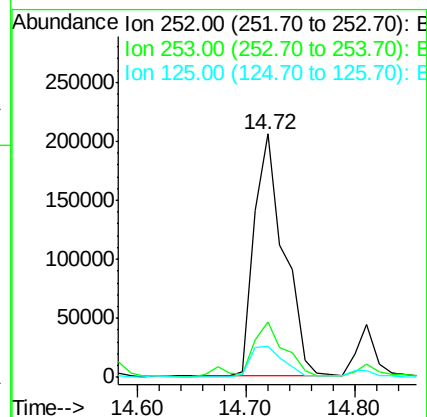
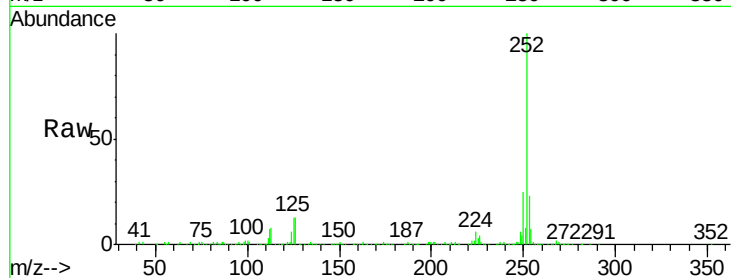




#88
Benzo(k)fluoranthene
Concen: 41.93 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

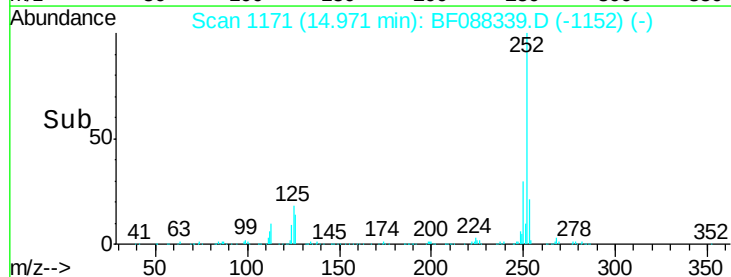
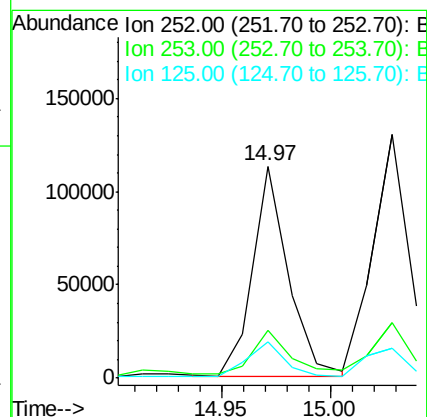
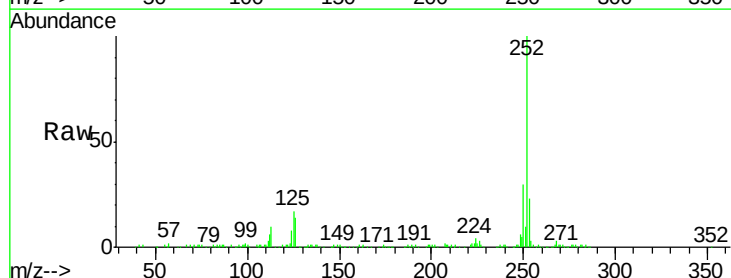
Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

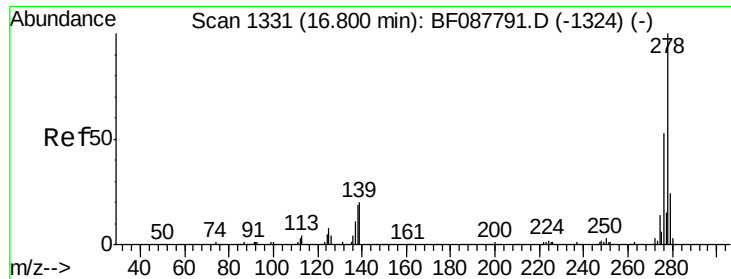
Tgt Ion:252 Resp: 391166
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 12.7 11.2 16.8



#89
Benzo(a)pyrene
Concen: 12.88 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.08 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:252 Resp: 128853
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 17.1 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 2.04 ng

RT: 16.16 min Scan# 1275

Delta R.T. -0.21 min

Lab File: BF088339.D

Acq: 24 Jun 2016 18:53

Instrument :

BNA_F

ClientSampleId :

PM-STA-1412(0-4)

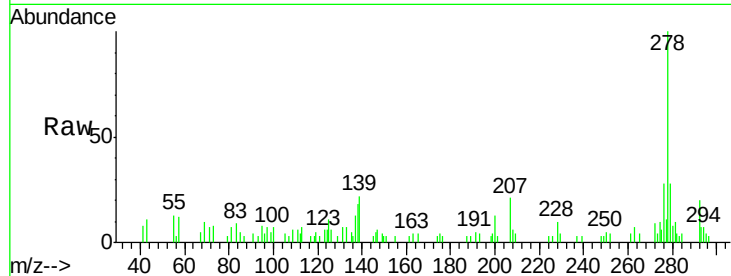
Tgt Ion:278 Resp: 18921

Ion Ratio Lower Upper

278 100

139 21.5 15.7 23.5

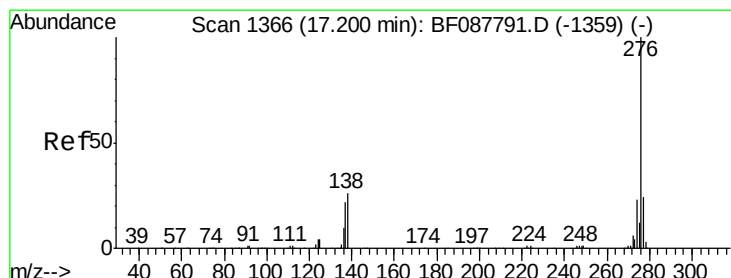
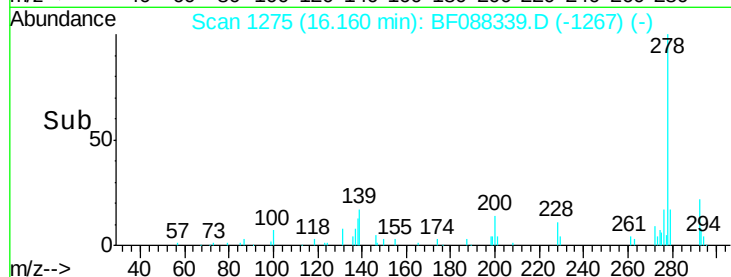
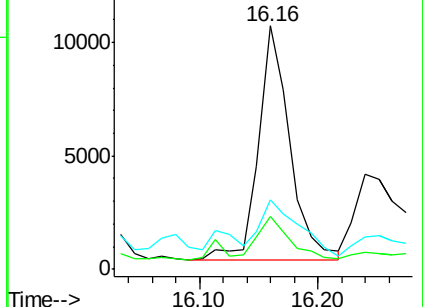
279 28.4 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 8.09 ng

RT: 16.70 min Scan# 1322

Delta R.T. -0.05 min

Lab File: BF088339.D

Acq: 24 Jun 2016 18:53

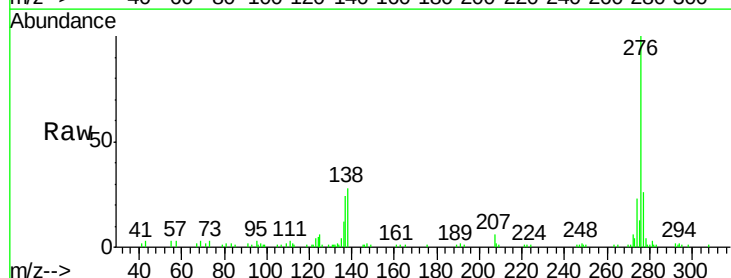
Tgt Ion:276 Resp: 77368

Ion Ratio Lower Upper

276 100

277 25.5 18.9 28.3

138 28.4 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

